

Title (en)  
CELL SELECTION METHOD AND DEVICE

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR ZELLENAUSWAHL

Title (fr)  
PROCÉDÉ ET DISPOSITIF DE SÉLECTION DE CELLULE

Publication  
**EP 3952464 A1 20220209 (EN)**

Application  
**EP 20777240 A 20200313**

Priority  
• CN 201910245590 A 20190328  
• CN 2020079366 W 20200313

Abstract (en)  
The present disclosure provides a cell selection method and a device for reducing resource waste. The cell selection method comprises: a terminal device determining a candidate measurement channel according to geographical location information, satellite orbit information, and a correspondence between the satellite orbit information and satellite frequency bands, wherein the geographical location information is used to indicate geographical coordinates of the current location of the terminal device, and the satellite orbit information comprises orbit data information and/or identifier information of a satellite orbiting in a service region of the terminal device; the terminal device performing measurement with respect to the candidate measurement channel so as to obtain a measurement result; and if the measurement result meets a first preset condition, the terminal device selecting or re-selecting a target cell capable of meeting the first preset condition.

IPC 8 full level  
**H04W 48/02** (2009.01)

CPC (source: CN EP US)  
**H04B 7/18513** (2013.01 - EP); **H04B 7/18541** (2013.01 - EP US); **H04W 24/08** (2013.01 - CN); **H04W 36/0094** (2013.01 - US); **H04W 36/24** (2013.01 - CN EP); **H04W 36/30** (2013.01 - US); **H04W 36/304** (2023.05 - CN EP); **H04W 48/16** (2013.01 - EP); **H04W 48/20** (2013.01 - EP US); **H04W 36/322** (2023.05 - CN EP); **H04W 84/06** (2013.01 - EP); **Y02D 30/70** (2020.08 - EP)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3952464 A1 20220209**; **EP 3952464 A4 20220525**; CN 111757411 A 20201009; CN 111757411 B 20220809; US 11990981 B2 20240521; US 2022158723 A1 20220519; WO 2020192454 A1 20201001

DOCDB simple family (application)  
**EP 20777240 A 20200313**; CN 201910245590 A 20190328; CN 2020079366 W 20200313; US 202017438945 A 20200313